

Serial No. 08/585,207

Applicant: Jeremy J. Sanger

8 a stator mounted in the turbine chamber, the stator having an
9 annular array of stator buckets opening in a common axial direction;

10 a rotor mounted in the turbine chamber, the rotor having an
11 annular array of rotor buckets mounted on the shaft means for rotation therewith, the
12 rotor buckets facing the stator buckets and being closely adjacent thereto, and
13 conduit means for delivering a fluid into the rotor buckets and the stator buckets;

14 drive means for rotating the drive shaft means whereby the fluid
15 passes back and forth between the rotor buckets and the stator buckets as the rotor
16 buckets pass the stator buckets thereby heating the moving fluid;

17 an annular array of centrifugal pumping vanes mounted on the
18 rotor outside the turbine chamber for pumping fluid into the housing and toward the
19 stator buckets; [and]

20 conduit means for passing the heated fluid to a heating zone; and

21 [A heat generator as defined in claim 1,] in which the stator
22 buckets have openings for passing the fluid toward the rotor buckets, said openings
23 being disposed in a common plane that is transverse to said axis of rotation, and the
24 rotor buckets have openings for receiving fluid from the stator buckets, said rotor
25 bucket openings being disposed in a common plane that is closely adjacent the plane
26 of the stator bucket openings.

REMARKS

In response to the Office Action of February 12, 1997, claims 1, and 4-8 have